

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted with Initial Filing OR Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	BP2053
First Named Inventor	Mitchell A. Buznitsky
COMPLETE IF KNOWN	
Application Number	
Filing Date	
Art Unit	
Examiner Name	

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**DETERMINATION AND PROCESSING FOR FRACTIONAL-N PROGRAMMING
VALUES**

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

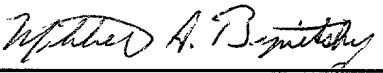
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES	Certified Copy Attached? NO
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

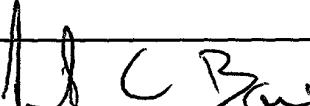
Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input type="checkbox"/>	Customer Number or Bar Code Label	<input type="checkbox"/> OR <input checked="" type="checkbox"/>	Correspondence address below
Shayne X. Short, Ph.D.			
Name Garlick Harrison & Markison, LLP Address P.O. Box 160727			
City	Austin	State	Texas ZIP 78716-0727
Country	US	Telephone	(512) 825-1145 Fax 1: (512) 394-0054 Fax 2: (512) 264-3735
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>			
NAME OF SOLE OR FIRST INVENTOR :		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Mitchell A. (first and middle [if any])		Family Name Buznitsky	
Inventor's Signature			Date 1/17/02
Residence: City	Carlsbad	State	CA US
Mailing Address	7800 Calle Pinabete		
City	Carlsbad	State	CA ZIP 92009 US
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Yuqian Cedric (first and middle [if any])		Family Name Wong	
Inventor's Signature			Date 1/17/02
Residence: City	San Diego	State	CA US
Mailing Address	11676 Cypress Canyon Road		
City	San Diego	State	CA ZIP 92131 US
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.			

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION**ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 1 of 1**

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name	Daniel C.		Family Name or Surname		
Inventor's Signature			Bozich Date 01-17-02		
Residence: City	San Diego	State	CA	Country	
			US	Citizenship	
Mailing Address					
8781 Hillery Drive					
Mailing Address					
City	San Diego	State	CA	ZIP 92126 Country US	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name	Brima B.		Family Name or Surname		
Inventor's Signature			Ibrahim Date 01/21/02		
Residence: City	Los Angeles	State	CA	Country US	
				Citizenship Sierra Leone	
Mailing Address					
1522 S. Saltair Ave					
Mailing Address					
#101					
City	Los Angeles	State	CA	ZIP 90025 Country US	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name	Family Name or Surname				
Inventor's Signature					Date
Residence: City		State		Country	Citizenship
Mailing Address					
Mailing Address					
City		State		ZIP	Country

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

POWER OF ATTORNEY FROM ASSIGNEE

Broadcom Corporation, a California corporation having a principal place of business at 16215 Alton Parkway, Irvine, California 92618-7013, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on _____ of an invention known as **DETERMINATION AND PROCESSING FOR FRACTIONAL-N PROGRAMMING VALUES** (Attorney Docket No. BP2053), which is disclosed and claimed in a patent application of the same title by the inventor(s) **Mitchell A. Buznitsky, Yuqian Cedric Wong, Daniel C. Bozich, and Brima B. Ibrahim** (said application filed on _____ at the U.S. Patent and Trademark Office, having Application Number _____).

The Assignee hereby appoints the U.S. attorneys associated with **Garlick Harrison & Markison, LLP** to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith, such attorneys currently being:

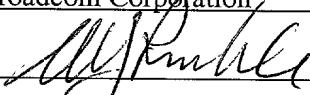
Bruce E. Garlick	Reg. No. 36,520
James A. Harrison	Reg. No. 40,401
Timothy W. Markison	Reg. No. 33,534
Shayne X. Short, Ph.D.	Reg. No. 45,105
Robert C. Strawbrich	Reg. No. 36,692

The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to: Shayne X. Short, Ph.D.
GARLICK HARRISON & MARKISON, L.L.P.
P.O. BOX 160727
AUSTIN, TEXAS 78716-0727.

Direct phone calls to Shayne X. Short, Ph.D. at (512) 825-1145.

FOR: Broadcom Corporation

SIGNATURE: 

BY: William J. Ruehle

TITLE: Vice President and Chief Financial Officer (VP & CFO)

DATE: January 21, 2002

Certificate Under 37 C.F.R. § 3.73(b)

Applicants: Mitchell A. Buznitsky, Yuqian Cedric Wong, Daniel C. Bozich, and Brima B. Ibrahim

Application No.: Not yet assigned Filing Date: _____

Entitled: **DETERMINATION AND PROCESSING FOR FRACTIONAL-N
PROGRAMMING VALUES**

Attorney Docket No: **BP2053**

Broadcom Corporation, a California Corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. [X] the assignee of the entire right, title, and interest, or
2. [] an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

A. [X] An Assignment from the inventor(s) of the patent application/patent identified above.
The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. [] A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[X] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (*i.e.*, the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

FOR: Broadcom Corporation

SIGNATURE: William J. Ruehle

BY: William J. Ruehle

TITLE: Vice President and Chief Financial Officer (VP & CFO)

DATE: January 21, 2002